

09/871739

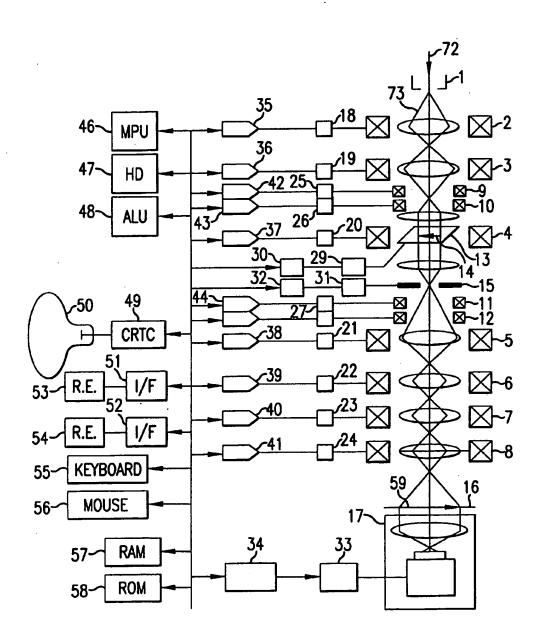
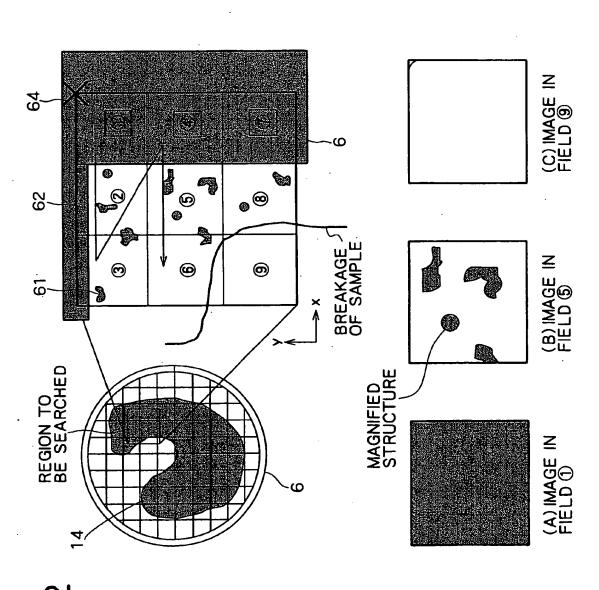


FIG.1







F1G.2





F1G.3B

F1G.3A

65 61 EXAMPLE OF MAGNIFIED

EXAMPLE OF MAGNIFIED SAMPLE TRANSMISSION IMAGE (LOW CONTRAST)

W 65

EXAMPLE OF MAGNIFIED SAMPLE TRANSMISSION IMAGE



FIG.4

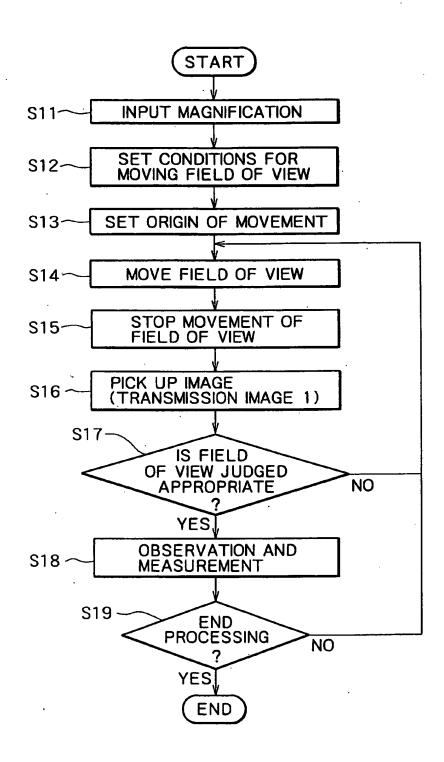
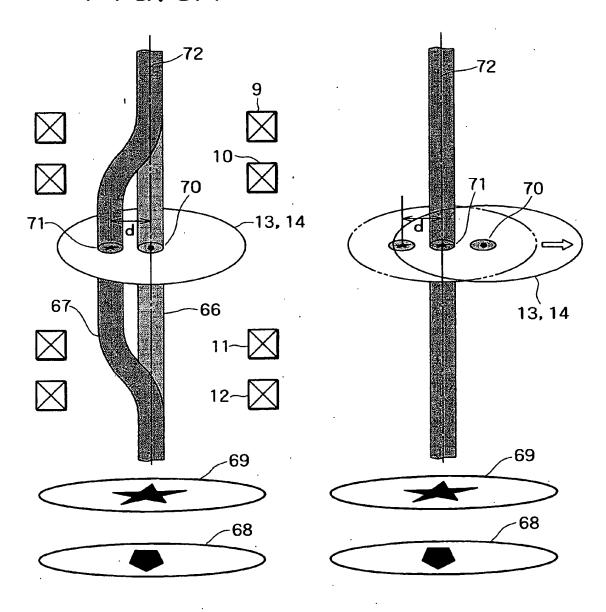




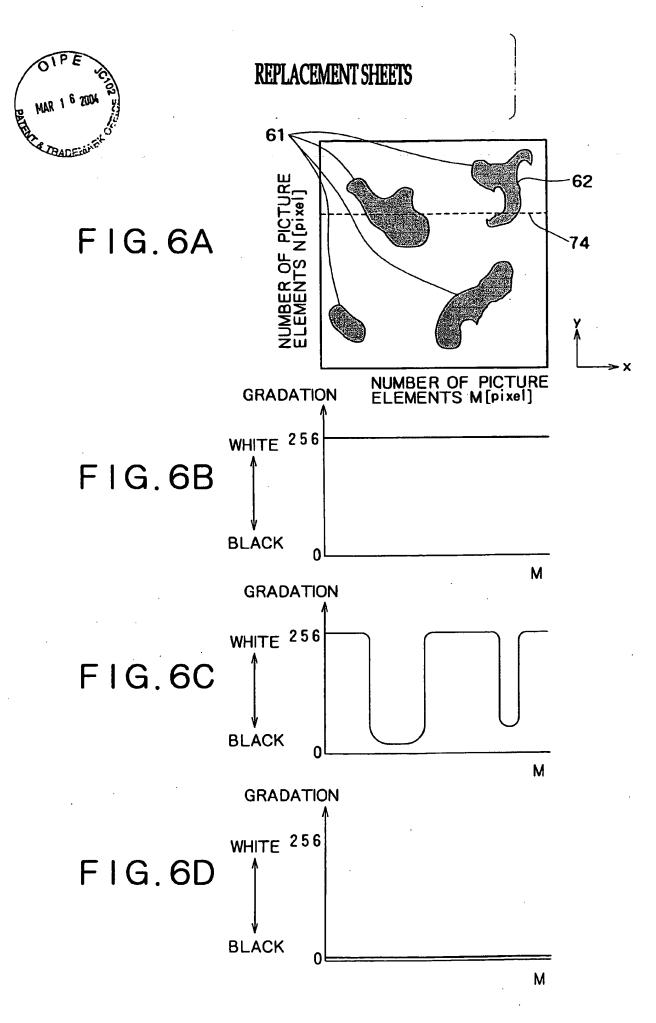
FIG.5A

FIG.5B



ELECTROMAGNETIC MOVEMENT OF FIELD OF VIEW USING ELECTRON BEAM DEFLECTING COIL

MECHANICAL MOVEMENT OF FIELD OF VIEW USING SAMPLE STAGE DRIVER



MAR 1 6 TON W

REPLACEMENT SHEETS

FIG.7

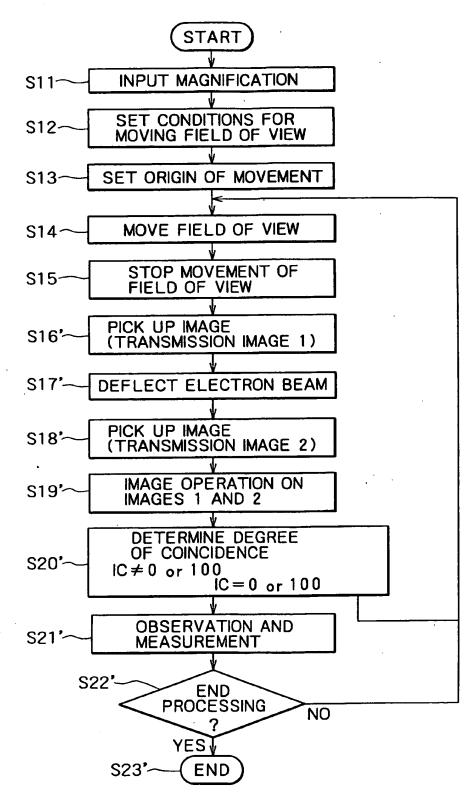




FIG.8

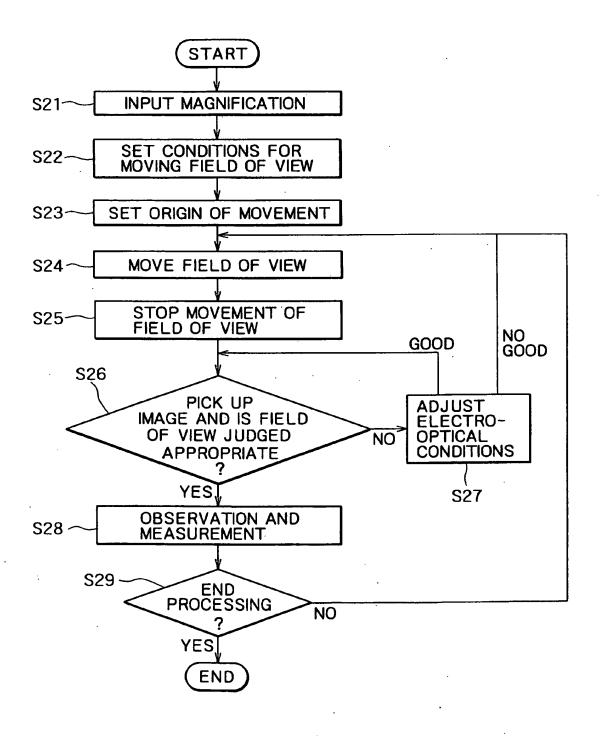
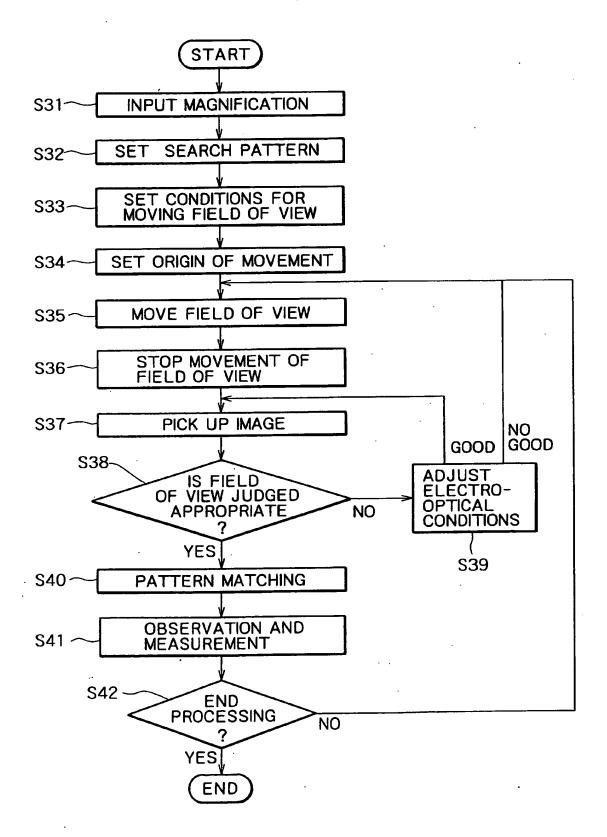




FIG.9





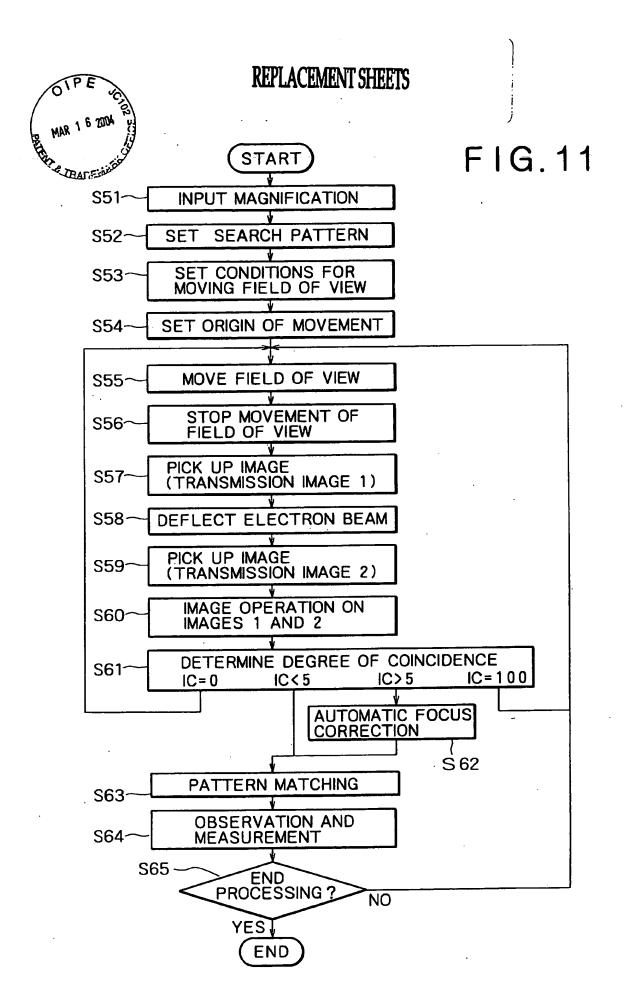
F1G. 10B

F1G. 10A

SEARCH SAMPLE (MARKING)

PICKED-UP FIELD OF VIEW NUMBER OF SEARCH SAMPLES=2

SEARCH TARGET PATTERN





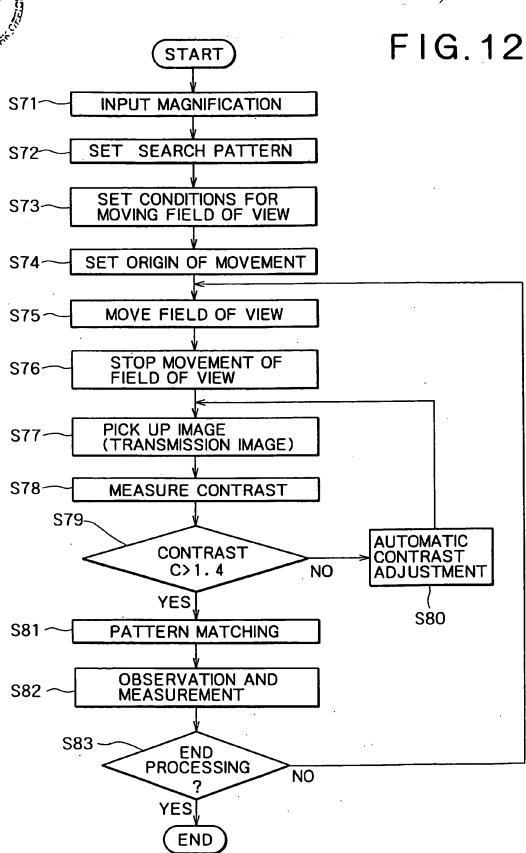
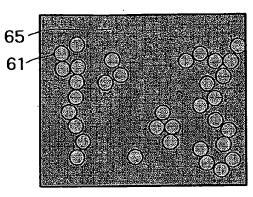
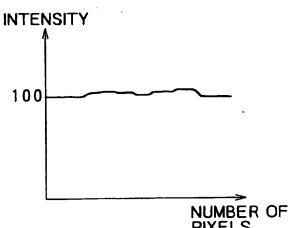




FIG. 13 (1)

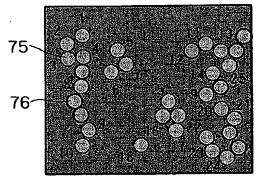


CONTRAST C=1.1



NUMBER OF PIXELS

FIG. 13(2)



CONTRAST C=1.2

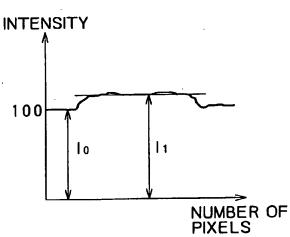
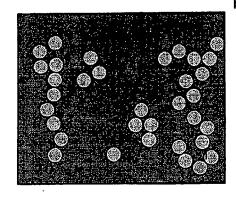
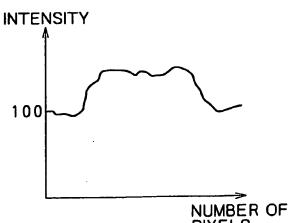


FIG. 13 (3)

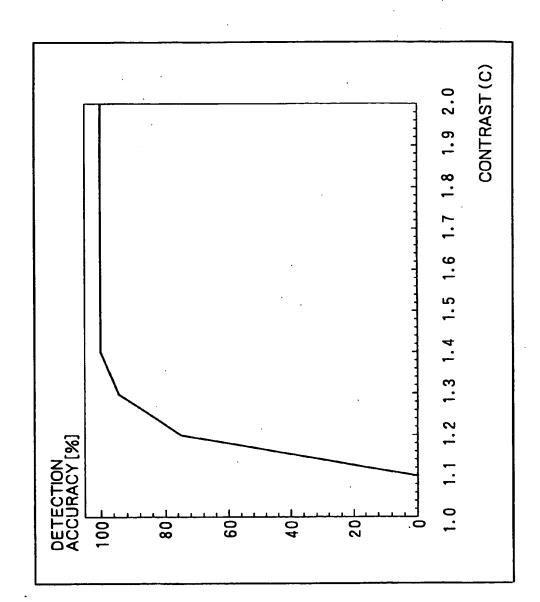


CONTRAST C=1.6



NUMBER OF PIXELS





F1G.14



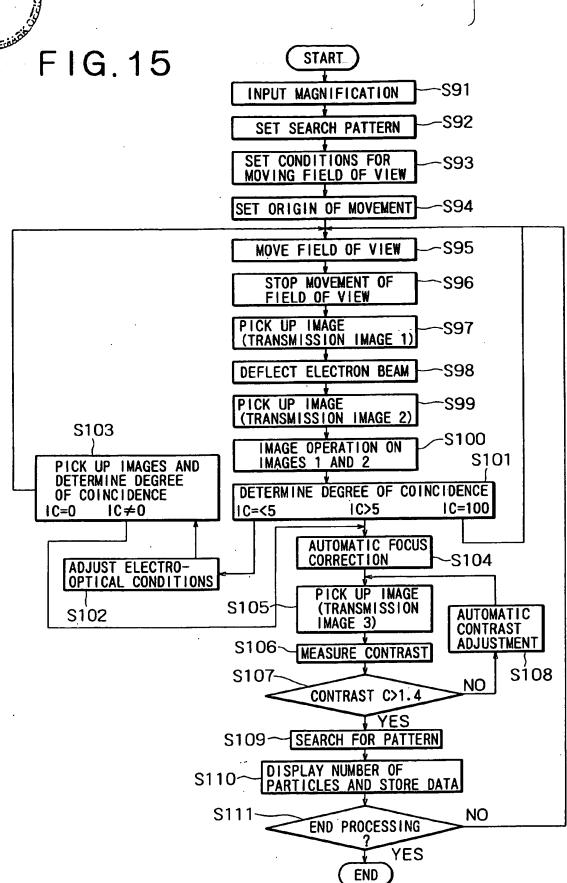




FIG. 16

